PI 556956. Hordeum vulgare L. POACEAE Barley

Donated by: Reid, D.A., Agricultural Research Service -- USDA, Crops Research Division, Beltsville, Maryland, United States; **and** Arizona Agr. Exp. Sta. Received October 17, 1991.

origin: United States. **historical origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Crops Research Division, Beltsville, Maryland 20705. **cultivar:** CC XXIX. **pedigree:** Belownee, Brachytic, Deba Abed, Indian Dwarf, Jaybel, Jaydee, Jotun, Purd. 609A2-1, Tex. 68C710, CI 8256, CI 8992, CI 10680, CI 10549, CI 4284, and CI 12140. **other id:** GP-18. **source:** Crop Sci. 16(2):313 1976. **group:** CSR-BARLEY. **remarks:** Diverse gene pool with possible new combinations of short straw or semidwarf plant types. Parents in this composite cross were predominately winter growth habit with several spring parents included. Thus the composite can be used for selecting either spring or winter types. In most cases, tall is dominant over short. Breeding Material. Seed.

PI 556957 to 556963. Hordeum vulgare L. POACEAE Barley

Donated by: Ramage, R.T., Agricultural Research Service -- USDA, Beltsville, Maryland, United States; **and** Arizona Agr. Exp. Sta.; **and** Idaho Agr. Exp. Sta. Received October 17, 1991.

PI 556957 **origin:** United States. **historical origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Beltsville, Maryland 20705. **cultivar:** CC XXX-A. **pedigree:** Composite cross XXX F2 seed. Mixture of F2 seed of 3 original populations. **other id:** GP-20. **source:** Crop Sci. 16(2):314 1976. **group:** CSR-BARLEY. **remarks:** Composite cross populations will segregate for wide range of characters and for ability to cross pollinate. Useful for cross pollination under many environmental conditions. Breeding Material. Seed.

PI 556958 **origin:** United States. **historical origin:** United States. **origin institute:** Agricultural Research Service -- USDA, Beltsville, Maryland 20705. **cultivar:** CC XXX-B. **pedigree:** Composite cross XXX F3 seed. Next generation from CC XXX-A. **other id:** GP-21. **source:** Crop Sci. 16(2):314 1976. **group:** CSR-BARLEY. **remarks:** Composite cross populations will segregate for wide range of characters and for ability to cross pollinate. Useful for cross pollination under many environmental conditions. Breeding Material. Seed.